BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : Providing new pipeline and repairs to existing pipelines in ward no.07 byatarayanapura, kodigehalli Subdivision

Estimated Cost Rs: 1000000.00

No	Description of work	No	Dimensions			Qty	Rate	Amount
			L	B	D			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)
1	**Cutting of road surface** for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., **in the Asphalt surface road. (P-264, It-37.38)**							
	Main Line	1	580.00	0.45	0.10	26.10		
					Total	**26.10**	**360.40**	**9406.00**
	Basic Rate	340.00	**cum**					
	Add AW 6%	20.40						
	Total	**360.40**						
2	**Cutting of road surface** for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., **in the Cement Concrete road. (P-257, It-37.40)**							
	Main Line	1	580.00	0.45	0.15	39.15		
					Total	**39.15**	**643.42**	**25190.00**
	Basic Rate	607.00	**cum**					
	Add AW 6%	36.42						
	Total	**643.42**						
3	KSRB 2-2.2: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually(other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff levelled and neatly dressed, disposed earth to be levelled and exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed as per specifications. **(P-5, It,-2.1)**							
	Main Line	1	1160.00	0.45	0.30	156.60		
					Total	**156.60**	**166.42**	**26061.00**
	Basic Rate	157.00						
	Add AW 6%	9.42						
	Total	**166.42**						
4	Providing and fixing Chorinated Poly Venyl Chloride(CPVC) pipes confirming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass treaded fittings including fixing the pipe with clamp at 1.oo m spacing.This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (inertnal work exposed on wall). **PRED SR 2016-17(P-231, Item No.15mm nominal OD PIPES)** 63mm dia of 6Kg/Cm2							
	Main Line	1	1160.00			1160.00		
					Total	**1160.00**	**121.90**	**141404.00**
	Basic Rate	115.00						

	Add AW 6%	6.90						
	Total	**121.90**						
5	*KSRB 2.4: Refilling available earth around the pipe lines, cables in layers not exceeding 20 cms in depth , compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications.* ***PRED SR 2016-17 (P-155, Item No.2.11)***							
	Main Line	*1*	*1160.00*	*0.45*	*0.20*	*104.40*		
					Total	**104.40**	**64.66**	**6751.00**
	Basic Rate	*61.00*						
	Add AW 6%	3.66						
	Total	**64.66**						
6	*KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1* ***(P-144 & 150 It.No. 17.1)***							
					Qty Vide Item No.1 & 2	*221.85*		
					Total	**221.85**	**106.00**	**23516.00**
	Basic Rate	*68.00*						
	Conveying for 10Km 10 x 1.28 x 2.50	*32.00*						
	Sub total	**100.00**						
	Add AW 6%	*6.00*						
	Total	**106.00**						
7	*KSRB 4-1.3:Providing and laying position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machienry, curing complete as per specifications. Specification No.KBS 4.1, 4.2* ***(P-12, It.4.3)***							
	Main Line	*1*	*1160.00*	*0.45*	*0.15*	*78.30*		
					Total	**78.30**	**5159.02**	**403951.00**
	Basic Rate	*4867.00*						
	Add AW 6%	292.02						
	Total	**5159.02**						

	4-1.5 : Providing and laying in position plain cement concrete of M20 with OPC cement @ 300kgs, with 20mm and down size grader granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 15 cms. thick well compacted, in **foundation, plinth and cills,** including cost of all materials, labour, HOM of machinary, curing complete as per specifications. Specification No. KBS 4.1, 4.2, **(P-12, It;4.5)**							
	Main Line	1	1160.00	0.45	0.10	52.20		
					Total	**52.20**	**5874.52**	**306650.00**
	Basic Rate	5542.00						
	Add AW 6%	332.52						
	Total	**5874.52**						
9	KSRB 13-6.2-2: Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.2/13.3 **(P-91, It.No.13.27)**							
		20			AE	20.00		EE(BTP)
					Total	**20.00**	**169.60**	**3392.00**
	Basic Rate	160.00						
	Add AW 6%	9.60						
	Total	**169.60**						
10	KSRB 13-6.3-7: Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 65mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3, **(P-92, It.No.13.37)**							
		20			AE	20.00		EE(BTP)
					Total	**20.00**	**2175.12**	**43502.00**
	Basic Rate	2052.00						
	Add AW 6%	123.12						
	Total	**2175.12**						**989813.00**
11								
12	**Third party inspection charges 1%**							**9898.13**
								288.87
13	Miscellaneous & Rounding off:						**Grand Total Rs:**	**1000000.00**

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head of A/c P-1771
Div. Ref. No. 24/18-19 Date 23/07/18
AE 23/07 EE(BTP) 23/07

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only.
Head of A/c P-1771.
Div. Ref. No. 29/18-19 Date 23/07/18
AE 23/07 EE(BTP) 23/07

Jr. Engg. N.D
AE (W)

AEE